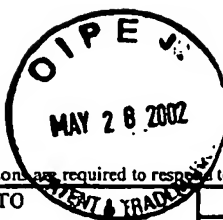


Please type a plus sign (+) inside this box → (+)



Approved for use through 10/31/2002
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

COMPLETE IF KNOWN

| | |
|------------------------|-------------------|
| Application Number | 10/078,820 |
| Confirmation Number | 6590 |
| Filing Date | February 19, 2002 |
| First Named Inventor | Patrick J. Allen |
| Group Art Unit | 3761 |
| Examiner Name | |
| Attorney Docket Number | 8613M |

U. S. PATENT DOCUMENTS

| EXAMINER INITIALS* | Cite No. ¹ | DOCUMENT NUMBER Number - Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|---|--------------------------------|--|--|
| [Signature] | | US-3,998,098 | 12/21/1976 | Chilton | |
| | | US-4,232,552 | 11/11/1980 | Hof et al. | |
| | | US-4,345,470 | 08/24/1982 | Hof et al. | |
| | | US-4,408,905 | 10/11/1983 | Ehrenkranz | |
| | | US-4,457,253 | 07/03/1984 | Manske | |
| | | US-4,564,299 | 01/14/1986 | Ehrenkranz | |
| | | US-5,094,545 | 03/10/1992 | Larsson et al. | |
| | | US-5,174,656 | 12/29/1992 | Dotan | |
| | | US-5,222,809 | 06/29/1993 | Ehrenkranz | |
| | | US-5,232,552 | 08/03/1993 | Lundberg et al. | |
| | | US-5,416,469 | 05/16/1995 | Colling | |
| | | US-5,468,236 | 11/21/1995 | Everhart et al. | |
| | | US-6,342,037 | 01/29/2002 | Roe et al. | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIALS* | Cite No. ¹ | FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
| [Signature] | | WO 00/00148 A1 | 01/06/2000 | Procter & Gamble | | |
| | | WO 00/00233 A1 | 01/06/2000 | Procter & Gamble | | |
| | | WO 01/54552 A1 | 08/02/2001 | Procter & Gamble | | |
| | | WO 01/65263 A2 | 09/07/2001 | Procter & Gamble | | |
| | | WO 00/65348 A2 | 11/02/2000 | Procter & Gamble | | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

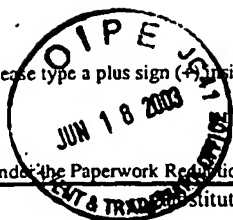
| EXAMINER INITIALS* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ⁶ |
|--------------------|-----------------------|--|----------------|
| | | | |
| | | | |
| EXAMINER | [Signature] | DATE CONSIDERED | 7/12/01 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

Please type a plus sign (+) inside this box → (+)



PTO/SB08A/B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

COMPLETE IF KNOWN

| | |
|------------------------|-------------------|
| Application Number | 10/078,826 |
| Confirmation Number | 6590 |
| Filing Date | February 19, 2002 |
| First Named Inventor | Patrick J. Allen |
| Group Art Unit | 3761 |
| Examiner Name | |
| Attorney Docket Number | 8613M |

U. S. PATENT DOCUMENTS

| EXAMINER INITIALS* | Cite No. ¹ | DOCUMENT NUMBER Number - Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|---|--------------------------------|--|--|
| | 1 | US-5,291,181 | 03/01/1994 | DePonte | |
| | 2 | US-5,389,093 | 02/14/1995 | Howell | |
| | 3 | US-5,790,035 | 08/14/1998 | Ho | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |

RECEIVED

JUN 28 2003

TECHNOLOGY CENTER B3700

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIALS* | Cite No. ¹ | FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|-----------------------|--------------------------|---|--------------------------------|--|---|----------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

NON PATENT LITERATURE DOCUMENTS

| EXAMINER INITIALS* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ⁶ |
|-----------------------|--------------------------|--|----------------|
| | | | |
| | | | |
| | | | |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.